

FIG. 4

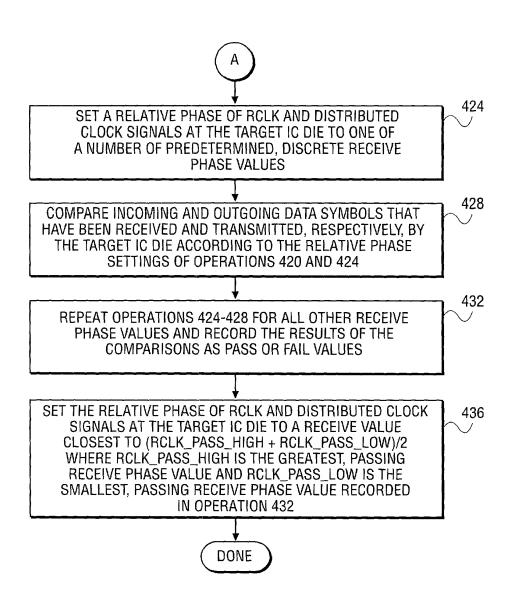


FIG. 5

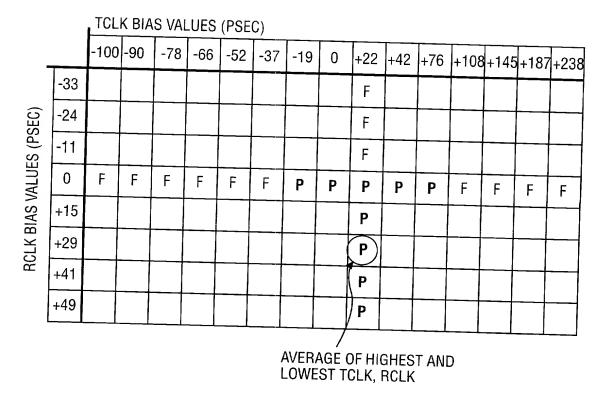


FIG. 6

		TCL	K BIA	S VAI	UES	(PSE	C)									
		-100	-90	-78	-66	-52	-37	-19	0	+22	+42	+76	+108	+145	+187	+238
RCLK BIAS VALUES (PSEC)	-33	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
	-24	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
	-11	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
	0	F	F	F	F	F	F	Р	Р	Р	Р	Р	F	F	F	F
	+15	F	F	F	F	F	F	F	Р	Р	Р	Р	F	F	F	F
	+29	F	F	F	F	F	F	Р	Р	P	(P	Р	Р	F	F	F
	+41	F	F	F	F	F	F	Р	Р	P	P	Р	Р	F	F	F
	+49	F	F	F	F	F	F	Р	Р	P	Р (Р	F	F	F	F
AVERAGE OF HIGHEST AND CENTROID LOWEST TCLK, RCLK																

FIG. 7

SET TCLK_1 TO A MIDPOINT. 804

SET TCLK_2 TO THE LOWEST VALUE THAT YIELD PASSING COMPARISON RESULTS.

808

SET RCLK_1 TO A HIGH VALUE AND DECREASE UNTIL THERE IS A FAIL OR A LIMIT HAS BEEN REACHED.

812

ADD THE LOWEST PASSING TCLK_2 VALUE AND RCLK_1 VALUE (E.G. IN PICOSECONDS) TOGETHER AND STORE. 814

SET TCLK_2 TO THE HIGHEST PASSING VALUE. 818

START WITH THE LOWEST RCLK_1 VALUE AND INCREASE UNTIL THERE IS A FAILURE OR A LIMIT IS REACHED. 822

ADD THE VALUES FOR THE HIGHEST PASSING TCLK_2 AND RCLK_1 TOGETHER AND STORE.

824

ADD THE HIGHEST AND LOWEST TCLK_1 VALUES TOGETHER AND DIVIDE BY 2 TO GET A MIDPOINT.

828

FIND THE TCLK_1 VALUES THAT ARE IMMEDIATELY ABOVE AND IMMEDIATELY BELOW THE MIDPOINT COMPUTED IN OPERATION 828.

832

FIND THE VALUE OF TCLK_MIDPOINT_HIGH AND RCLK_1, OR TCLK_MIDPOINT_LOW AND RCLK_1 THAT IS CLOSEST TO THE MIDPOINT COMPUTED IN OPERATION 828.

834

SET TCLK_1 TO THE VALUE FOUND IN OPERATION 834, AND REPEAT OPERATIONS 804-834 FOR RCLK_2.

840

FIG. 8

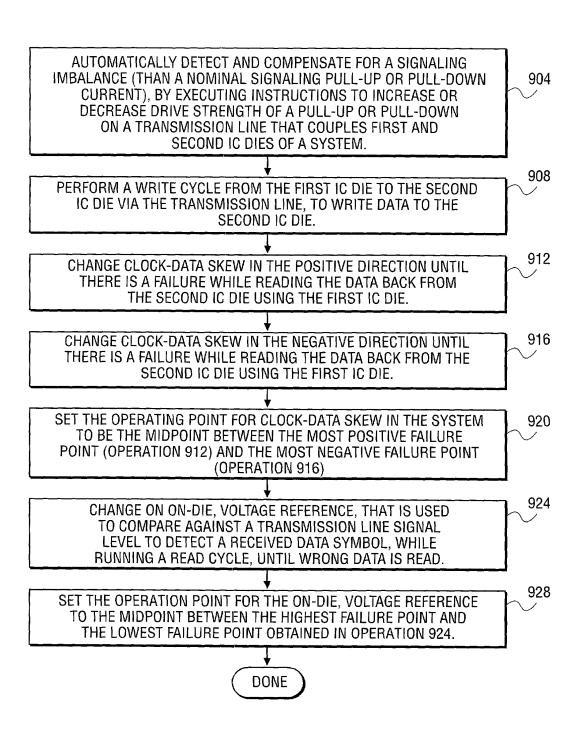


FIG. 9

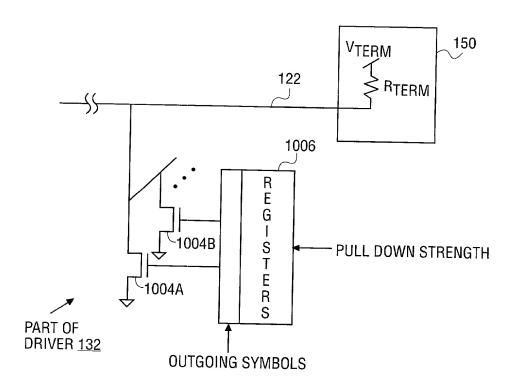


FIG. 10

